

Description:

AMV Reverse Transcriptase (AMV RT) catalyzes the polymerization of DNA using template DNA, RNA or RNA:DNA hybrids. The enzyme possesses an intrinsic RNase H activity. AMV RT possesses multiple enzymatic activities including RNA- and DNA-directed DNA polymerase, DNA-RNA unwinding activity, a sequence-specific Mn^{2+} -dependent endonuclease and ribonuclease H.

Applications:

- RT PCR
- Synthesis of cDNA
- RNA Sequencing

Concentration:

10 u/μl

Storage Buffer:

200mM potassium phosphate (pH7.2), 0.2% Triton X-100, 2mM DTT and 50% glycerol

Reaction Buffer 5X:

250mM Tris-HCl (pH8.3 @ 250 C), 250mM KCl, 50mM MgCl₂, 2.5mM spermidine and 50mM DTT

Prod. No.	Description	Quantity
9105-400	AMV Reverse-Transcriptase	200 Units
9105-410	AMV Reverse-Transcriptase	1000 Units